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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/529,998	08/15/2005	Christopher C Sykes	CU-4136 BWH	2943

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EXAMINER

TRAN, HANH VAN

ART UNIT	PAPER NUMBER
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3637

MAIL DATE	DELIVERY MODE
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10/10/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/529,998	Applicant(s) SYKES, CHRISTOPHER C	
	Examiner Hanh V. Tran	Art Unit 3637	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 March 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 March 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is the First Office Action on the Merits from the examiner in charge of this application.

Specification

2. The abstract of the disclosure is objected to because it includes legal phraseology such as "comprises". Correction is required. See MPEP § 608.01(b).
3. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 6-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 6, Line 4, "said outer wall" lacks antecedent basis. Claim 12, "said carrier plate" lacks antecedent basis.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-2, 5, and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by CA 2134807 to Nienhuis et al.

Nienhuis et al discloses a desk assembly comprising all the elements recited in the above listed claims including, such as shown in Fig 1, a base 45 adapted to stably engage a floor surface; an upright support member 19 secured to and extending upwardly from said base; a planar desk, connected in slidable engagement to said support member between a lower and an upper position; biasing means, such as shown in Figs 4-7, connected between said base 45 and said desk and biasing the desk upwardly from said lower position toward said upper position; and locking means , such as shown in Fig 6, operable to selectively secure said desk intermediate said lower and upper positions, wherein said desk is connected to said support member by support means, see Figs 6-7, said support member is an extruded column including a vertical wall having inner and outer surfaces, laterally extending brackets 83, Fig 8, a sliding channel piece positioned along the inner vertical surface, a carrier plate 21 secured to the brackets 83, a connector screw extending through a vertical slot in the column, Fig 5-6 .

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

10. Claims 3-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nienhuis et al in view of France 2782615 to Jean.

Nienhuis et al discloses all the elements as discussed above except for biasing means is a gas spring

Jean teaches the idea of using gas spring 9,12, such as shown in Fig 2, as a biasing means for adjusting the height of a desk, wherein the gas spring is a simple and cost effective biasing device. Therefore, it would have been obvious to modify the structure of Nienhuis et al by providing a gas spring as a biasing means for adjusting the height of the desk by a simple and cost effective device, as taught by Jean, since both teach alternate conventional height adjustable desk structure, used for the same intended purpose, thereby providing structure as claimed.

11. Claims 6-11, and 13-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nienhuis et al as applied to claim 3 above, and further in view of USP 6,712,008 to Habenicht et al.

Nienhuis et al, as modified, discloses all the elements as discussed above except for the carrier plate positioned on the outer vertical surface of the column in sliding engagement therewith.

Habenicht et al teaches the idea of a support means for adjusting the height of a desk, such as shown in Fig 2, wherein the support means comprising a bracket 29, a carrier plate 31, Fig 4, secured to the bracket 29 and positioned on the outer vertical surface of the column in sliding engagement therewith; wherein the structure provide a secured and stable support means in order to facilitate height adjustment of the desk. Therefore, it would have been obvious to modify the structure of Nienhuis et al, as modified, by providing a carrier plate secured to the bracket and positioned on the outer vertical surface of the column in sliding engagement therewith; wherein the structure provide a secured and stable support means in order to facilitate height adjustment of the desk, as taught by Habenicht et al, since both teach alternate conventional height adjustable desk structure, used for the same intended purpose, thereby providing structure as claimed.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Groshong, Carroll, Jr., Harbin, Williams, and Mazura all show structures similar to various elements of applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh V. Tran whose telephone number is (571) 272-6868. The examiner can normally be reached on Monday-Thursday, and alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lanna Mai can be reached on (571) 272-6867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



HVT
October 1, 2007

Hanh V. Tran
Art Unit 3637